

MFJ-1796 Vertical Antenna Manual Addendum (7/27/99)

The MFJ-1796 Vertical Antenna has been improved with the redesign of the spoke mounting rings. As a result the following sections of the instruction manual should be replaced with the information in this addendum:

1) MFJ-1796 PARTS LIST, (Page 3)

2) Assembly and Installation Instructions, Steps 19 - 22 (Page 9)

MFJ-1796 PARTS LIST

- ☐ (2) Fiberglass Coil Assemblies
- ☐ (2) bundles of capacitance spokes 24 **short**, 8 **medium**, (and 4 spare **long** spokes)
- ☐ (1) bag of clamps: 10 hose clamps and 2 U-Bolt assemblies
- ☐ (1) 1 1/8" OD x 60" Aluminum Upper Radiator
- ☐ (1) 1 1/8" OD x 60" Aluminum Lower Radiator (has two drilled holes)
- ☐ (4) small "L" bracket with holes in one end
- ☐ (4) long "U" channel "L" bracket
- ☐ (4) flat fiberglass insulator
- ☐ (2) white nylon spacer
- ☐ (1) solid fiberglass center insulator
- ☐ (5) 1/4" lock washer
- ☐ (5) 1/4-20 x 1 3/4" bolt
- ☐ (5) 1/4-20 nut
- ☐ (64) 6-32 x 3/8" screw
- ☐ (12) 6-32 x 1/2" screw
- ☐ (76) 6-32 Keps nut
- ☐ (8) 10-32 x 3/8" nut
- ☐ (1) Balun Assembly
- ☐ (3) tie wraps
- ☐ (2) 3/16" OD six meter stubs
- ☐ (2) 3/16" OD two meter stubs
- ☐ (1) gray PVC insulator
- ☐ (1) Aluminum base bracket
- ☐ (1) "L" bracket with 4 hose clamps

Assembly and Installation Instructions

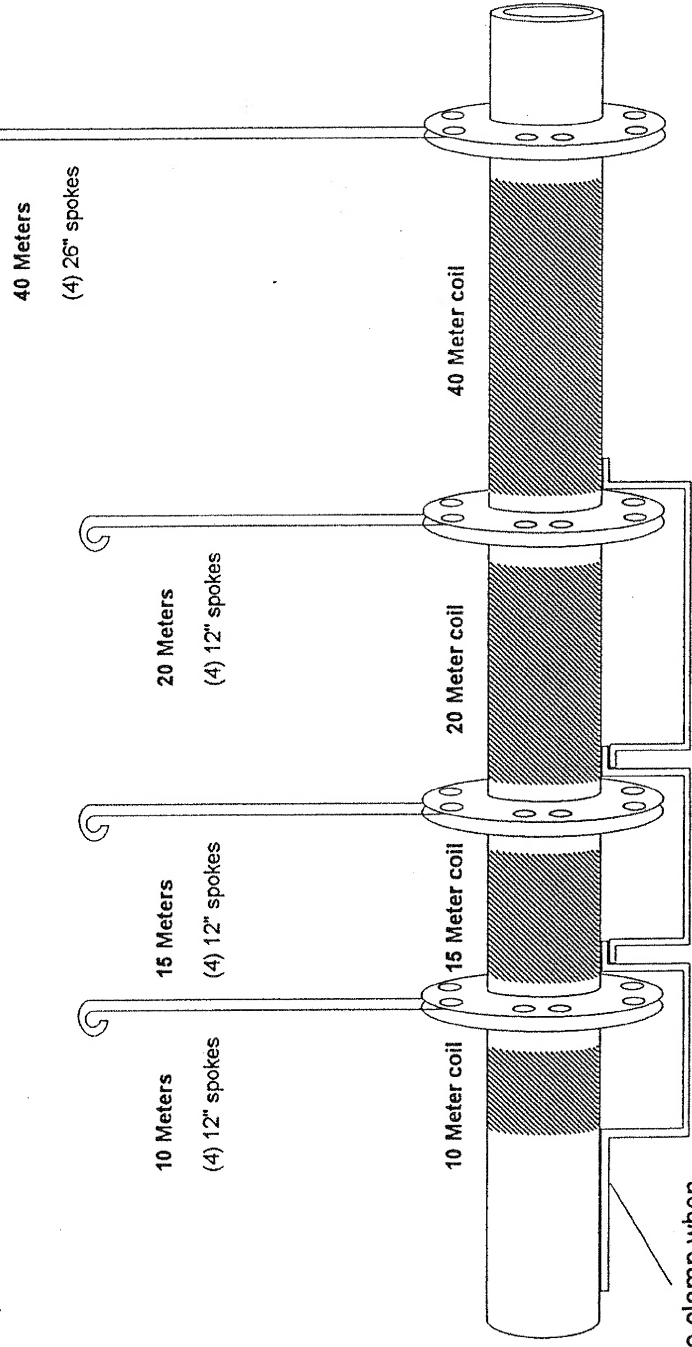
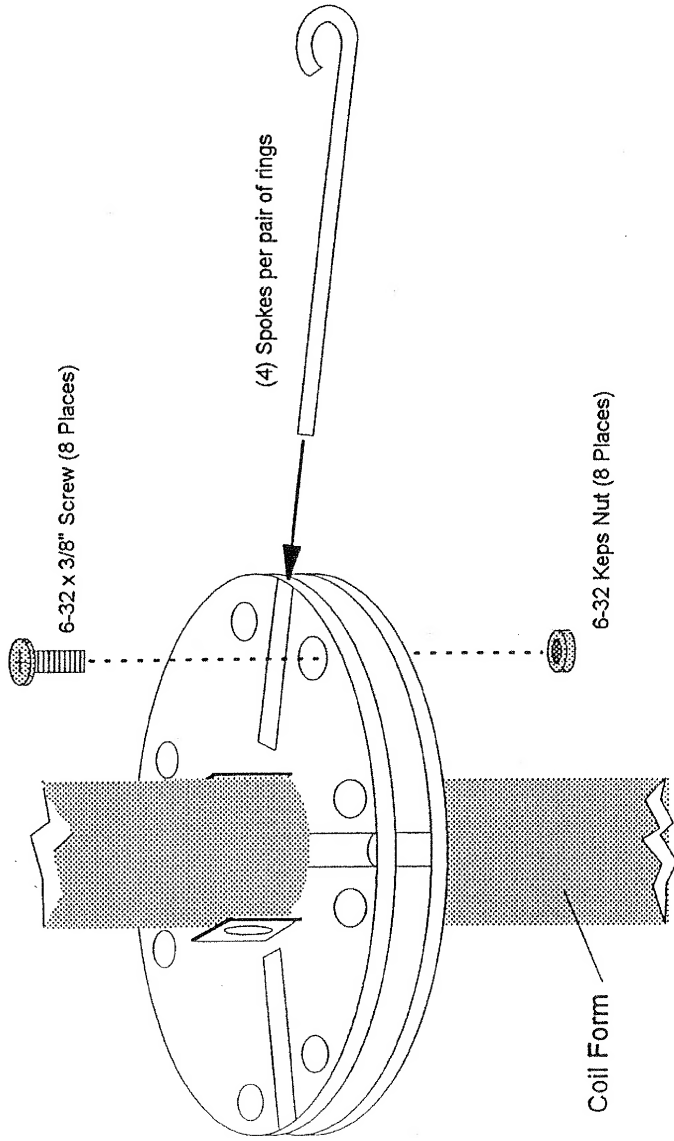
☐ **19.** Loosely install (8) 6-32 x 3/8" screws and (8) 6-32 Keps nuts in each ring pair on both loading coil assemblies. Install four medium length spokes (26") in the 40 meter rings as shown in Figure 1 on the reverse side of this sheet. Tighten the screws.

☐ **20.** Install four short spokes (12") in the 20 meter rings. Tighten the screws.

☐ **21.** Install four short spokes (12") in the 15 meter rings. Tighten the screws.

☐ **22.** Install four short spokes (12") in the 10 meter rings. Tighten the screws.

FIGURE 1
MFJ-1796 Coil Assembly



Be sure this strap is
 clamped under a hose clamp when
 attaching coil assemblies to radiator